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**PATENT APPLICATION**  
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

First Applicant: GALLAGHER Peter Thaddeus      Group Art Unit: -1626  
Serial No.: 10/575469      Examiner: - Anderson, Rebecca L  
Application Date: December 10, 2004      Conf No.: 3213  
US Nat'l Entry  
Date (if applicable): April 12, 2006  
For: MORPHOLINE DERIVATIVES AS NOREPINEPHRINE  
REUPTAKE INHIBITORS  
Docket No.: X16177

**AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Examiner:

**Introductory Comments**

The following is a response to the Office Action dated March 2.

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 3 of this paper.

**Remarks/Arguments** begin on page 5 of this paper.

**Amendments to the Specification**

Please replace the paragraph on page 55, line 10 with the following: 2-[1-Phenvl-2-(2-~~trifluoromethanesulfonyloxy~~hydroxy-phenyl)-ethyl]-morpholine-4-carboxylic acid tert-butyl ester.

Please replace the paragraph beginning on page 56, line 2 with the following: Add NaH 95% (17 mg, 0.68 mmol), at 0°C, to a solution of 2-[1-Phenvl-2-(2-~~trifluoromethanesulfonyloxy~~hydroxy-phenyl)-ethyl]-morpholine-4-carboxylic acid tert-butyl ester(218 mg, 0.568 mmol) in 2 ml of dry DMF and stir for 15 min; then add N-phenyl-bis(trifluoromethanesulfonimide) (224 mg, 0.625 mmol) and stir the reaction at room temperature for 2 h. Add aqueous saturated solution of Na<sub>2</sub>CO<sub>3</sub> and Et<sub>2</sub>O, separate the organic phase, wash with H<sub>2</sub>O, dry over Na<sub>2</sub>SO<sub>4</sub>, filter and remove the solvent to give a residue. Purify the residue by column chromatography on silica gel eluting with CH<sub>2</sub>Cl<sub>2</sub>:AcOEt 98:2 to afford the title compound.

Please replace the paragraph beginning on page 58, line 12, with the following: Example 11: 4-Benzyl-2-(1,2-Diphenyl-ethyl)-morpholine (mixture of stereoisomers).